

RECEIVED  
CENTRAL FAX CENTER

34

SEP 26 2008

ABSTRACTTELECOMMUNICATIONS APPARATUS AND METHOD

5        A telecommunications system communicates internet packet data, carrying  
payload data including a plurality of different data types, with a mobile  
communications user equipment. The system comprises a gateway support node  
(GGSN), a service support node (SGSN) and a radio network controller (RNC). At  
least one of the gateway support node (GGSN) and the user equipment (UE) are  
10    operable to: parse the payload data in each data packet; generate a radio access bearer  
sub-flow indicator indicating the number of different types of data in the payload and  
the number of symbols in each different data type; and form a transport frame  
including the sub-flow indicator. The data packets are communicated between the  
radio network controller and the user equipment by detecting the sub-flow indicator,  
15    and in accordance with the sub-flow indicator arranging for the data from each of the  
different data fields to be communicated via a different radio access bearer providing  
different quality of service parameters appropriate for the different data type.

Figure 5